BRUHAT BANGALORE MAHANAGARA PALIKE

YALAHANKA ZONE

Name of Work:-Detailed Estimate for Correction and Upgradation of Crematorium DG Room AmF/Panel Boards in ward No7 & 3

Budget Head .....

Division No..... Estimate No. 43/2021-22 For Rs. **700000.00**

Sl. No.	SR Page & SL No	Description of Work	Unit	Qty	Rate	Amount
1	25/5.8.4	Supplying of Switch disconnector fuse unit (TPN) HRC type (but without HRC fuses). With AC-23A duty and as per IS- 13947.160Amps	Each	4	5500	22000.00
2	25/5.8.6	Supplying of Switch disconnector fuse unit (TPN) HRC type (but without HRC fuses). With AC-23A duty and as per IS- 13947.250Amps	Each	4	7520	30080.00
3	25/5.10.2	Supplying and fixing HRC fuse link on existing switch fuse base with watt loss as per IS-13703AboveAbove 63 Amps to 200 Amps.	Each	11	325	3575.00
4	25/5.10.3	Supplying and fixing HRC fuse link on existing switch fuse base with watt loss as per IS-13703Above 200 Amps to 315 Amps.	Each	12	600	7200.00
5	26/5.13.3	Supply and fixing of 4pole power contactor with NO/NC contacts on existing wood/panel board using necessary bolts, nuts, washers and wiring etc., complete with AC-3 Rating and as per IS-13947.60 to 70Amps	Each	3	4200	12600.00
6	26/5.13.8	Supply and fixing of 4pole power contactor with NO/NC contacts on existing wood/panel board using necessary bolts, nuts, washers and wiring etc., complete with AC-3 Rating and as per IS-13947.255 Amps	Each	4	19000	76000.00
7	27/5.14.7	Supplying and fixing Moulded Case Circuit Breaker (MCCB) over the existing wood/panel board using necessary screws, bolts, nuts, necessary phase separators, handle and wiring complete. Protection of Overload and Short circuit with thermal Magnetic/Micro processor release and Earth Fault as per IS-13947. (Icu = Ics) FOUR POLE 100Amps 25kA.	Each	4	6400	25600.00
8	27/5.14.11	Supplying and fixing Moulded Case Circuit Breaker (MCCB) over the existing wood/panel board using necessary screws, bolts, nuts, necessary phase separators, handle and wiring complete. Protection of Overload and Short circuit with thermal Magnetic/Micro processor release and Earth Fault as per IS-13947. (Icu = Ics) FOUR POLE 250Amps 35kA.	Each	3	17100	51300.00

9	41/6.4.7	Supplying of 1.1 KV LT UG cable XLPE or Heat resistant PVC insulated, PVC extruded Inner sheath armoured UG LT cable as per IS-1554 (Part-1) or IS-7098 Part-1, Armouring strip thickness in average +5% and resistivity 14 Ohms/Kms (Max) as per IS-3975 3.5 core 50 sqmm	Mtrs	100	300	30000.00
10	41/6.4.12	Supplying of 1.1 KV LT UG cable XLPE or Heat resistant PVC insulated, PVC extruded Inner sheath armoured UG LT cable as per IS-1554 (Part-1) or IS-7098 Part-1, Armouring strip thickness in average +5% and resistivity 14 Ohms/Kms (Max) as per IS-3975 3.5 core 240 sqmm.	Mtrs	100	1130	113000.00
11	41/6.5.2	Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe / stoneware pipe / on wall / on pole as required.25 sqmm to 75 sqmm	Mtrs	100	15.5	1550.00
12	41/6.5.4	Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe / stoneware pipe / on wall / on pole as required.185sqmm to 240Sqmm	Mtrs	100	35	3500.00
13	57/10.4.5	Supplying, installation, testing & commissioning of 12Volts ..AH batteries in poly propylene container for D.G. sets. Low maintenance batteries, plate type.120 AH capacity	Each	3	18400	55200.00
14	43/6.17.9	Supplying tinned copper lugs and crimping and wiring to terminal point for wire of the following sizes.50 sqmm Long Barrel	Each	12	60	720.00
15	43/6.17.15	Supplying tinned copper lugs and crimping and wiring to terminal point for wire of the following sizes.240 sqmm Long Barrel	Each	6	463	2778.00
16	81/14.17	Fixing of... Amps TPST / change over switch / Contactor along with neutral link with screws, bolts, nuts and wiring using required capacity wires and circuit labeling.100A to 250A TPST	Each	26	380	9880.00
17	AR se(ele)p.r/598/21-22	Cylinder Lyner - 8414for 50 KVA, 62.5 & 82.5 KVA make Engine Overhauling	Nos	10	3840.00	38400.00
18	AR se(ele)p.r/598/21-22	Piston Rings - 8484 for 50 KVA, 62.5 & 82.5 KVA make Engine Overhauling	Set	15	2360.00	35400.00
19	AR se(ele)p.r/598/21-22	Complete Gascut Kit - 8484 for 50 KVA, 62.5 & 82.5 KVA make Engine Overhauling	Set	2	5310.00	10620.00
20	AR se(ele)p.r/598/21-22	Set of O Ring Kit - 4016 for 50 KVA, 62.5 & 82.5 KVA make Engine Overhauling	Set	16	1416.00	22656.00
21	AR se(ele)p.r/598/21-22	Head Caliberation - 9987for 50 KVA, 62.5 & 82.5 KVA make Engine Overhauling	Nos	2	17700.00	35400.00

22	AR se(ele)p.r/5 98/21-22	Engine Complete Overhauling -9987for 50 KVA, 62.5 & 82.5 KVA make Engine Overhauling	Nos	2	29500.00	59000.00
		Total Rs				**646459.00**
		GST Charges (12% on SR Electrical items)	444983			53397.96
		Total Rs				143.04
						700000.00

CERTIFICATE

1. The Place was inspected and work is essential.
2. The Provision made in the estimate is adequate and are necessary.
3. The Work comes in the BBMP limit and is legitimate charges on the Corporation Funds.
4. The rates in the Estimate is based on PWD(Elec) SR of 2019-20, & approved Rates

K N. Reddy
Asst. Engineer (Elec)

Asst. Exe.Engineer (Elec)
Sub-Division No.
Bruhat Bangalore Mahanagara Palike

EXECUTIVE ENGINEER (ELEC)
YALAHANKA DIVISION
BRUHAT BANGALORE MAHANAGARA PALIKE

Administrative Sanction for Rs. 7.00 lakhs
Rupees Seven Lakhs
only
is accorded under
Registered as 33/2021-22 Subject
to conditions contained in approval memo
No. BBMP/Ele/Ele/42/AS/33/2021-22
Dt 07/03/2022

Executive Engineer

TECHNICALLY SANCTIONED FOR Rs. 7.00 lakhs
Rupees Seven Lakhs only
Under
Registered as 17/2021-22
Subject
enclosed
Dt. 07/03/2022 BBMP/Ele/Ele/AS/33/21-22
BBMP/EE/Ele/42/TS/17/2021-22 Sanctioned
Dated 07/03/2022 Rs. 7.00 lakhs

Executive Engineer